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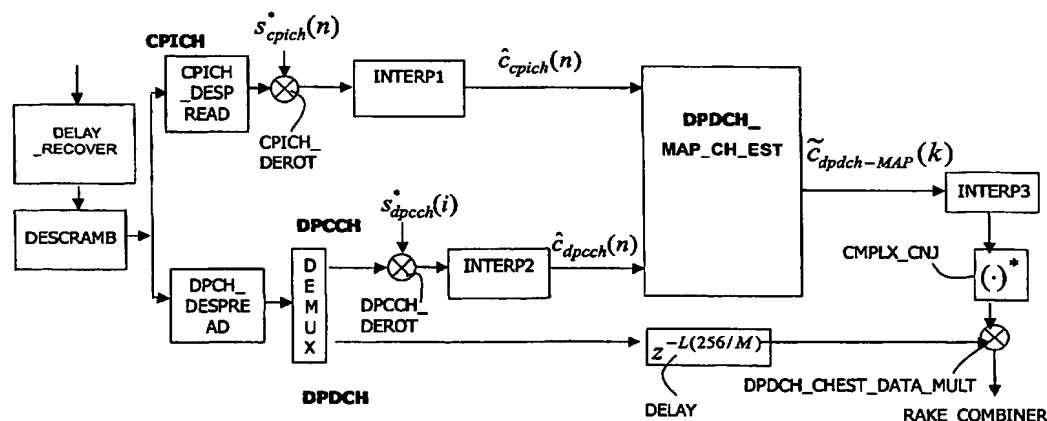
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(54) Title: METHODS FOR CHANNEL ESTIMATION IN THE PRESENCE OF TRANSMIT BEAMFORMING



(57) Abstract: The present invention relates to a method for estimating a propagation channel in the presence of transmit beamforming within a receiver, accounting for the structure of two logical channels referred to as a common channel and a dedicated physical channel (CPICH, DPCH) and based on a common structure of corresponding propagation channels, said DPCH channel comprising two sub-channels (DPDCH, DPCCH), said propagation channels being modeled as a linear superposition of a finite number of discrete multipath components following an uncorrelated-scattering wide-sense stationary model, a multipath component being characterized by a time-varying multipath complex coefficient and a delay. Use: RAKE Receiver.